

AN IMPROVEMENT ON AN INJECTION MOLDING MACHINE

ABSTRACT

5 An injection molding machine includes a stationary wall for a first
mold part to be secured thereto, a movable wall for a second mold part to
be secured thereto, and oil cylinders for displacing the movable wall
relative to the stationary wall with; the oil cylinders are secured to one
side of the stationary wall at tube portions with output rods thereof being
10 projected from the other side of the stationary wall and connected to the
movable wall to replace conventional guiding rods; each oil cylinder has
a piston, and a subsidiary rod having substantially the same diameter as
the output rods; each piston has first and second sides; the output rods
are connected to the first sides of the pistons; the subsidiary rods are
15 connected to the second sides of the pistons and can pass through caps of
the cylinder tube portions; thus, both sides of each piston have the same
area.